

## CLAIMS

What is claimed is:

- 1 1. A lottery pooling management system comprising:
  - 2 a participant interface, the participant interface
  - 3 being in communication with a participant computer, the
  - 4 participant interface being configured to allow pool
  - 5 participants to participate in one or more lottery pools,
  - 6 each lottery pool having one or more sets of lottery
  - 7 numbers;
  - 8 a lottery interface, the lottery interface being in
  - 9 communication with one or more lotteries and the participant
  - 10 interface, the lottery interface being configured to
  - 11 ascertain drawing results and jackpot amounts for the one or
  - 12 more lotteries and to compare the drawing results with the
  - 13 one or more sets of lottery numbers in the one or more
  - 14 lottery pools; and
  - 15 a notification interface, the notification interface
  - 16 being in communication with the participant interface and
  - 17 the lottery interface, the notification interface being
  - 18 configured to alert pool participants about activity in the
  - 19 one or more lotteries, the status of the lottery pool, and
  - 20 the compared drawing results.

1 2. The system of claim 1 wherein the participant  
2 interface includes a lottery pool creation module to allow  
3 the pool participant to create new lottery pools.

1 3. The system of claim 1 wherein the participant  
2 interface includes a ticket entry module to allow pool  
3 participants to enter tickets numbers into the lottery pools  
4 associated with the pool participants and to edit the ticket  
5 entries.

1 4. The system of claim 1 wherein the participant  
2 interface includes a participant history module to allow  
3 pool participants to track the history of numbers chosen and  
4 played by the pool participants.

1 5. The system of claim 1 wherein the participant  
2 interface includes a second chance module to allow pool  
3 participants to replay numbers.

1 6. The system of claim 1 wherein the lottery interface  
2 is further configured to retrieve rules and regulations  
3 associated with the one or more lotteries.

1 7. The system of claim 1 wherein the lottery interface  
2 includes a ticket purchasing module to allow the system to  
3 purchase tickets for the one or more lotteries at the  
4 request of pool participants.

1 8. The system of claim 1 wherein the activity in the  
2 one or more lotteries is a completed drawing.

1 9. The system of claim 1 wherein the activity in the  
2 one or more lotteries is an updated jackpot amount.

1 10. The system of claim 1 further including one or more  
2 databases.

1 11. The system of claim 10 wherein the one or more  
2 databases contain information concerning the one or more  
3 sets of lottery numbers.

1 12. The system of claim 10 wherein the one or more  
2 databases contain information concerning the one or more  
3 lottery pools.

1 13. The system of claim 10 wherein the one or more  
2 databases contain information concerning the pool  
3 participants.

1 14. The system of claim 10 wherein the one or more  
2 databases contain information concerning the one or more  
3 lotteries.

1 15. A method of arranging lottery pools via a global  
2 communications network comprising the steps of:

3 creating one or more exclusive lottery pools, each  
4 exclusive lottery pool being associated with a lottery;

5 entering one or more sets of lottery numbers into  
6 the one or more exclusive lottery pools, the one or more  
7 sets of lottery numbers corresponding to one or more pool  
8 participants;

9 retrieving drawing results and jackpot amounts from  
10 the lottery;

11 comparing the drawing results with the one or more  
12 sets of lottery numbers; and

13 notifying the one or more pool participants of the  
14 compared drawing results and of any winning sets of numbers  
15 with the lottery pool.

1 16. The method of claim 15 wherein the step of creating  
2 is performed by the one or more pool participants.

1 17. The method of claim 15 wherein the step of notifying  
2 is performed through electronic mail.

1     18.     The method of claim 15 further comprising the step  
2     of alerting the pool participants about the time remaining  
3     before the lottery closes.

1 19. The method of claim 18 wherein the step of alerting  
2 is performed by a varying color scheme.

1     20.     The method of claim 15 wherein the compared drawing  
2     results identify matches between the one or more sets of  
3     lottery numbers in the one or more lottery pools and the  
4     drawing results of the one or more lotteries associated with  
5     the one or more lottery pools.

1    21.        The method of claim 20 wherein the matches are  
2    highlighted.

1 22. The method of claim 15 wherein the global  
2 communications network is the Internet.

1 23. A computer program embodied on a computer readable  
2 medium to arrange lottery pools via a global communications  
3 network comprising:

4 a code segment to allow the creation of one or more  
5 exclusive lottery pools, each exclusive lottery pool being  
6 associated with a lottery;

7 a code segment to receive one or more sets of  
8 lottery numbers into the one or more exclusive lottery  
9 pools, the one or more sets of lottery numbers corresponding  
10 to one or more pool participants;

11 a code segment to retrieve drawing results and  
12 jackpot amounts from the lottery;

13 a code segment to compare the drawing results with  
14 the one or more sets of lottery numbers; and

15 a code segment to notify the one or more pool  
16 participants of the compared drawing results and of any  
17 winning sets of numbers with the lottery pool.

1 24. The computer program of claim 23 further including a  
2 code segment to purchase sets of lotteries numbers.

1 25. The computer program of claim 23 further comprising  
2 a code segment to alert the pool participants about the time  
3 remaining before the lottery closes.

1 26. The computer program of claim 25 wherein the code  
2 segment includes a code segment to vary colors presented to  
3 the participant.

1 27. The computer program of claim 23 wherein the  
2 compared drawing results identify matches between the one or  
3 more sets of lottery numbers in the one or more lottery  
4 pools and the drawing results of the one or more lotteries  
5 associated with the one or more lottery pools.

1 28. The computer program of claim 27 wherein the matches  
2 are highlighted.

1 29. The computer program of claim 23 wherein the global  
2 communications network is the Internet.

1 30. A system for lottery pool management over a global  
2 communications network comprising:

3 one or more participant computers;

4 one or more lottery pool management servers, the one  
5 or more lottery pool management servers being in  
6 communication with the one or more participant computers  
7 through the global communications network; and

8 a lottery pool management system resident on the one  
9 or more lottery pool management servers, the lottery pool  
10 management system includes:

11 a participant interface, the participant interface  
12 being in communication with a participant computer, the  
13 participant interface being configured to allow pool  
14 participants to participate in one or more lottery pools,  
15 each lottery pool having one or more sets of lottery  
16 numbers;

17 a lottery interface, the lottery interface being in  
18 communication with one or more lotteries and the participant  
19 interface, the lottery interface being configured to  
20 ascertain drawing results and jackpot amounts for the one or  
21 more lotteries and to compare the drawing results with the  
22 one or more sets of lottery numbers in the one or more  
23 lottery pools; and



24           a notification interface, the notification interface  
25   being in communication with the participant interface and  
26   the lottery interface, the notification interface being  
27   configured to alert pool participants about activity in the  
28   one or more lotteries, the status of the lottery pool, and  
29   the compared drawing results.

1 31. The system of claim 30 wherein the participant  
2 interface includes a lottery pool creation module to allow  
3 the pool participant to create new lottery pools.

1 32. The system of claim 30 wherein the participant  
2 interface includes a ticket entry module to allow pool  
3 participants to enter tickets numbers into the lottery pools  
4 associated with the pool participants and to edit the ticket  
5 entries.

1 33. The system of claim 30 wherein the participant  
2 interface includes a participant history module to allow  
3 pool participants to track the history of numbers chosen and  
4 played by the pool participants.

1 34. The system of claim 30 wherein the participant  
2 interface includes a second chance module to allow pool  
3 participants to replay numbers.

1 35. The system of claim 30 wherein the lottery interface  
2 is further configured to retrieve rules and regulations  
3 associated with the one or more lotteries.

1 36. The system of claim 30 wherein the lottery interface  
2 includes a ticket purchasing module to allow the system to  
3 purchase tickets for the one or more lotteries at the  
4 request of pool participants.

1 37. The system of claim 30 wherein the activity in the  
2 one or more lotteries is a completed drawing.

1 38. The system of claim 30 wherein the activity in the  
2 one or more lotteries is an updated jackpot amount.

1 39. The system of claim 30 further including one or more  
2 databases.

1 40. The system of claim 40 wherein the one or more  
2 databases contain information concerning the one or more  
3 sets of lottery numbers.

1 41. The system of claim 40 wherein the one or more  
2 databases contain information concerning the one or more  
3 lottery pools.

1 42. The system of claim 40 wherein the one or more  
2 databases contain information concerning the pool  
3 participants.

1 43. The system of claim 40 wherein the one or more  
2 databases contain information concerning the one or more  
3 lotteries.

1 44. The system of claim 30 wherein the global  
2 communications network is the Internet.